As a below named inventor, I here	by declare that:	
		are as stated below next to my name. of the subject matter which is claimed and for which a
natent is sought on the invention FUNCTION	DNALIZED M	ONOMERS FOR SYNTHESIS OF RUBBERY
POLYMERS the specification of which (c	heck one)	
X is attached hereto.		
was filed on	_ as Application	n Serial No.
and was amended on (if app	licable).	the contents of the characidentified appointment
including the claims, as amended by any ar		the contents of the above identified specification,
I acknowledge the duty to disclose	information wh	hich is material to patentability as defined in 37 C.F.R.
§1.56.		•
I hereby claim the benefit under 3:	5 U.S.C. §119(e	e) of any United States provisional application(s) listed
below:		
60/404,081 (Application Serial No.)		August 16, 2002 (Filing Date)
60/434,892		December 19, 2002
(Application Serial No.)		(Filing Date)
,		
I hereby claim the benefit under 3	5 U.S.C. §120 o	f any United States application(s) or §365 of any PCT
International application designating the Un	nited States, list	ed below and, insofar as the subject matter of each of the
claims of this application is not disclosed in	n the prior Unite	ed States or PCT International application in the manner
provided by the first paragraph of 35 U.S.C	. §112, I ackno	wledge the duty to disclose information which is material
		e available between the filing date of the prior application
and the national or PCT international filing	date of this app	oncation:
(Application Serial No.)	(Filing Date)	(Status)(patented, pending,
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(Application Serial No.)	(Filing Date)	(Status)(patented, pending,
abandoned)		
	POWER OF	ATTODNEV
As named inventor(s) I or we her		following attorney(s) and/or agent(s) to prosecute this
application and transact all business in the	eoy appoint the Patent and Trad	emark Office connected therewith
Alvin T. Rockhill		stration No. 30,417
John D. DeLong		stration No. 44,648
Bruce J. Hendricks		stration No. 30,262
James A. Rozmajzl		stration No. 24,432
Henry C. Young		stration No. 22,329
·		
		f my own knowledge are true and that all statements made
on information and belief are believed to b	e true; and furth	er that these statements were made with the knowledge
that willful false statements and the like so	made are punis	hable by fine or imprisonment, or both, under section
	, and that such v	villful false statement may jeopardize the validity of the
application or any patent issuing thereon.		
Evil name of joint and first named inventor	· (aivan nama f	onfily name) Adel Forban Halasa
Full name of joint and first named inventor	(given maine, i	Authrity Hallie) Autor Fallian Halasa
Inventor's signature:	was P	Mate: Many 1
Residence: Bath, Ohio	O	Citizen of: United States of America
Post Office Address: 5040 Everett Road, E	oth Ohio 4422	
Post Office Address: 3040 Everett Road, E	ваш, Ошо 4433.	5, U.S.A.
Additional inventors are being named	d on separately i	numbered sheets attached hereto.
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO:
The Goodyear Tire & Rubber Company		
Patent & Trademark Department - D/823		Alvin T. Rockhill, Patent Attorney
1144 East Market Street		(330) 796-8252
Akron, Ohio 44316-0001		
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Page1 OF5 page(s)	

As a below named inventor, I her		4. 11. 1		
My residence, post office address				
notest is sought on the invention ETINGT	ONATION MONOM	bject matter which is claimed and for which a ERS FOR SYNTHESIS OF RUBBERY		
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X is attached hereto.	check one)			
is attached hereto.	as Application Serial	No		
and was amended on (if ap	as Application Serial	190.		
and was amended on (if ap	piicabie).			
I hereby state that I have reviewe	a and understand the con	tents of the above identified specification,		
including the claims, as amended by any a				
	se information which is n	naterial to patentability as defined in 37 C.F.R.		
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(Application Serial No.)	<u> </u>	(Filing Date)		
60/434,892	Dec	December 19, 2002		
(Application Serial No.)	(Fil	ing Date)		
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		es application(s) or §365 of any PCT International		
application designating the United States,	listed below and, insofar	as the subject matter of each of the claims of this		
		national application in the manner provided by the		
first paragraph of 35 U.S.C. §112, I acknowledge	wledge the duty to disclo	se information which is material to patentability		
as defined in 37 C.F.R. §1.56 which becan	me available between the	filing date of the prior application and the		
national or PCT international filing date of	f this application:	•		
(Application Serial No.)	(Filing Date)	(Status)(patented, pending,		
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	POWER OF ATTOR	(NEY		
As named inventor(s). I or we he		ng attorney(s) and/or agent(s) to prosecute this		
application and transact all business in the	Patent and Trademark	Office connected therewith		
John D. DeLong	Registration	No. 44 648		
Bruce J. Hendricks	Registration	No. 30.262		
Alvin T. Rockhill	Desistration	No. 30,202		
	Pagistration	No. 24.422		
James A. Rozmajzl	Registration	NO. 24,432		
Henry C. Young	Registration	No. 44,648 No. 30,262 No. 30,417 No. 24,432 No. 22,329		
	its made nerein of my ow	n knowledge are true and that all statements made		
on information and belief are believed to	be true; and further that t	hese statements were made with the knowledge		
that willful false statements and the like s	o made are punishable by	fine or imprisonment, or both, under section		
	e, and that such willful fa	lse statement may jeopardize the validity of the		
application or any patent issuing thereon.				
Full name of joint and second named inve	ntor (given name, famjly	name) Wen-Liang Hsu		
. ////				
Inventor's signature:	7 1 1 2	Date: March 14, 2003		
Residence: Cuyahoga Falls, Ohio		Citizen of: United States of America		
Post Office Address: 2034 Bent Creek Tr	ail, Cuyahoga Falls, Ohic	, U.S.A.		
Additional inventors are being name	ed on separately numbere	d sheets attached hereto.		
GEVEN CONDECTION TO THE		DIDECT TELEPHONE CALLOTS		
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO:		
The Goodyear Tire & Rubber Company				
Patent & Trademark Department - D/82		T. Rockhill, Patent Attorney		
1144 East Market Street	(330)	796-8252		
Akron, Ohio 44316-0001	ļ			
Page 2 OF 5	(c)			
Page OF 5 page	(s)			

As a below named inventor, I hereby declare that:							
My residence, post office address and citizenship are as stated below next to my name.							
I believe I am an original, first and joint inventor	of the subject matter which is claimed and for which a						
patent is sought on the invention FUNCTIONALIZED M	ONOMERS FOR SYNTHESIS OF RUBBERY						
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was filed on as Applicatio and was amended on (if applicable).	n Serial No.						
and was amended on (if applicable).							
I hereby state that I have reviewed and understand	I the contents of the above identified specification,						
including the claims, as amended by any amendment referr							
	hich is material to patentability as defined in 37 C.F.R.						
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International application designating the United States, list	ed below and, insolar as the subject matter of each of the						
claims of this application is not disclosed in the prior Unite	ed States of PC1 international application in the manner						
provided by the first paragraph of 35 U.S.C. §112, I acknow	wledge the duty to disclose information which is material						
	e available between the filing date of the prior application						
and the national or PCT international filing date of this app	olication:						
(Application Serial No.) (Filing Date)	(Status)(patented, pending,						
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(Application Serial No.) (Filing Date)	(Status)(patented, pending,						
abandoned)	, , , , , , , , , , , , , , , , , , , ,						
POWER OF As named inventor(s), I or we hereby appoint the application and transact all business in the Patent and Trad	following attorney(s) and/or agent(s) to prosecute this						
Alvin T. Rockhill Regi	stration No. 30,417						
AIVIII I. KOUKIIII ROGI	SITALION NO. 50,417						
John D. DeLong Regi	stration No. 44,048						
Bruce J. Hendricks Regi	stration No. 30,262						
James A. Rozmajzl Regi	stration No. 24,432						
Henry C. Young Regi	stration No. 30,417 stration No. 44,648 stration No. 30,262 stration No. 24,432 stration No. 22,329						
on information and belief are believed to be true; and furth that willful false statements and the like so made are punis 1001 of Title 18 of the United States Code, and that such v	hable by fine or imprisonment, or both, under section						
application or any patent issuing thereon.	, ,						
application or any patent issuing thereon. Full name of joint and first named inventor (given name, for the second secon	amily name) Jin-Ping Zhou						
Full name of joint and first named inventor (given name, for	amily name) Jin-Ping Zhou						
Full name of joint and first named inventor (given name, for the signature:	Date: Maych 14, 2003 Citizen of: People's Republic of China						
Full name of joint and first named inventor (given name, fine inventor's signature: Residence: Akron, Ohio	Date: Maych 14, 2003 Citizen of: People's Republic of China						
Full name of joint and first named inventor (given name, fine inventor's signature: Residence: Akron, Ohio	Date: Maych 14, 2003 Citizen of: People's Republic of China 11, U.S.A.						
Full name of joint and first named inventor (given name, for Inventor's signature: Residence: Akron, Ohio Post Office Address: 715 Dunbar Drive, Akron, Ohio 443: Additional inventors are being named on separately in the separate of the	Date: Maych 14, 2003 Citizen of: People's Republic of China 11, U.S.A. numbered sheets attached hereto.						
Full name of joint and first named inventor (given name, for Inventor's signature: Residence: Akron, Ohio Post Office Address: 715 Dunbar Drive, Akron, Ohio 443: Additional inventors are being named on separately 1 SEND CORRESPONDENCE TO:	Date: Maych 14, 2003 Citizen of: People's Republic of China 11, U.S.A.						
Full name of joint and first named inventor (given name, for Inventor's signature: Residence: Akron, Ohio Post Office Address: 715 Dunbar Drive, Akron, Ohio 443: Additional inventors are being named on separately 1 SEND CORRESPONDENCE TO: The Goodyear Tire & Rubber Company	Date: Maych 14, 2003 Citizen of: People's Republic of China 11, U.S.A. DIRECT TELEPHONE CALLS TO:						
Full name of joint and first named inventor (given name, finventor's signature: Residence: Akron, Ohio Post Office Address: 715 Dunbar Drive, Akron, Ohio 443: Additional inventors are being named on separately in SEND CORRESPONDENCE TO: The Goodyear Tire & Rubber Company Patent & Trademark Department - D/823	Date: Maych 14, 2003 Citizen of: People's Republic of China 11, U.S.A. DIRECT TELEPHONE CALLS TO: Alvin T. Rockhill, Patent Attorney						
Full name of joint and first named inventor (given name, finventor's signature: Residence: Akron, Ohio Post Office Address: 715 Dunbar Drive, Akron, Ohio 443: Additional inventors are being named on separately in SEND CORRESPONDENCE TO: The Goodyear Tire & Rubber Company Patent & Trademark Department - D/823 1144 East Market Street	Date: Maych 14, 2003 Citizen of: People's Republic of China 11, U.S.A. DIRECT TELEPHONE CALLS TO:						
Full name of joint and first named inventor (given name, for Inventor's signature: Residence: Akron, Ohio Post Office Address: 715 Dunbar Drive, Akron, Ohio 443: Additional inventors are being named on separately 1 SEND CORRESPONDENCE TO: The Goodyear Tire & Rubber Company Patent & Trademark Department - D/823	Date: Maych 14, 2003 Citizen of: People's Republic of China 11, U.S.A. DIRECT TELEPHONE CALLS TO: Alvin T. Rockhill, Patent Attorney						

Page __3 ___ OF __5 ___ page(s)

As a below named inventor, I hereby declare that			
My residence, post office address and citizenship	are as stated below next to my name.		
patent is sought on the invention FUNCTIONALIZED M	of the subject matter which is claimed and for which a		
POLYMERS the specification of which (check one)	IONOMERS FOR STRINESIS OF RUBBERT		
X is attached hereto.			
	on Serial No.		
was filed on as Application and was amended on (if applicable).			
I hereby state that I have reviewed and understan	d the contents of the above identified specification,		
including the claims, as amended by any amendment refer	red to above.		
	which is material to patentability as defined in 37 C.F.R.		
§1.56. I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed		
below:			
60/404,081	August 16, 2002		
(Application Serial No.)	(Filing Date)		
60/434,892	December 19, 2002		
(Application Serial No.)	(Filing Date)		
application designating the United States, listed below and application is not disclosed in the prior United States or Po	nited States application(s) or §365 of any PCT International it, insofar as the subject matter of each of the claims of this CT International application in the manner provided by the to disclose information which is material to patentability ween the filing date of the prior application and the in:		
(Application Serial No.) (Filing Date) abandoned)	(Status)(patented, pending,		
(Application Serial No.) (Filing Date) abandoned)	(Status)(patented, pending,		
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	ATTORNEY		
As named inventor(s), I or we hereby appoint the	following attorney(s) and/or agent(s) to prosecute this		
application and transact all business in the Patent and Trac	lemark Office connected therewith.		
John D. DeLong Reg	istration No. 44,648 istration No. 30,262 istration No. 30,417 istration No. 24,432 istration No. 22,329		
Bruce J. Hendricks Reg	istration No. 30,262		
Alvin T. Rockhill Reg	istration No. 30,417		
James A. Rozmajzl Reg	istration No. 24,432		
Henry C. Young Reg	istration No. 22,329		
on information and belief are believed to be true; and furth that willful false statements and the like so made are punis 1001 of Title 18 of the United States Code, and that such application or any patent issuing thereon.	shable by fine or imprisonment, or both, under section		
Full name of joint and second named inventor (given nam	e. family name) Chad Aaron Jasiunas		
	us Date: 3/14/2003		
Residence: Copley, Ohio	Citizen of: <u>United States of America</u>		
Post Office Address: 347 Silver Ridge Drive, Copley, Ohi	o 44321, U.S.A.		
Additional inventors are being named on separately			
SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO:		
The Goodyear Tire & Rubber Company			
Patent & Trademark Department - D/823	Alvin T. Rockhill, Patent Attorney		
1144 East Market Street	(330) 796-8252		
Akron, Ohio 44316-0001			
Page4 OF5 page(s)			

As a below named inventor, I h My residence, post office addre		s stated below n	ext to my nam	e.	
I believe I am an original, first	and joint inventor of the	e subject matter	which is claim	ed and for which a	
patent is sought on the invention FUNC POLYMERS the specification of which	TIONALIZED MONO	OMERS FOR S	SYNTHESIS (OF RUBBERY	
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60/404,081 (Application Serial No.)		August 16, 2002 (Filing Date)			
60/434,892		December 19, 20	ber 19, 2002		
(Application Serial No.)		(Filing Date)			
I hereby claim the benefit unde International application designating the claims of this application is not disclose provided by the first paragraph of 35 U.s to patentability as defined in 37 C.F.R. § and the national or PCT international fil	United States, listed be d in the prior United Sta S.C. §112, I acknowled §1.56 which became ava	elow and, insofa ates or PCT Inte ge the duty to di ailable between	r as the subject rnational appli sclose informa	matter of each of the cation in the manner tion which is materia	
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(Application Serial No.) abandoned)	(Filing Date)		(Status)(pater	nted, pending,	
As named inventor(s), I or we lapplication and transact all business in t	POWER OF ATT hereby appoint the follo he Patent and Trademan	wing attorney(s) and/or agent(s) to prosecute this	
Alvin T. Rockhill	Registrati		30,417		
John D. DeLong	Registrati	ion No.	44,648		
Bruce J. Hendricks	Registrati	ion No.	30,262		
James A. Rozmajzl Henry C. Young	Registrati Registrati		24,432 22,329		
I hereby declare that all statems on information and belief are believed to that willful false statements and the like 1001 of Title 18 of the United States Co application or any patent issuing thereor	o be true; and further the so made are punishable de, and that such willfu	at these statement by fine or improduced the statement of false statement	nts were made risonment, or b t may jeopardiz	with the knowledge oth, under section	
Full name of joint and first named inven	tor (given name, family		Stanton Yon		
Inventor's signature:	tt 4	Date: _	MARCH	14,2003	
Residence: Wooster, Ohio	/	Citizen	of: United Sta	tes of America	
Post Office Address: 438 Bever Street, V	Wooster, Ohio 44691, U	J.S.A.			
Additional inventors are being name	ned on separately numb	ered sheets attac	ched hereto.		
SEND CORRESPONDENCE TO:		DIRECT	relephone (CALLS TO:	
The Goodyear Tire & Rubber Compan Patent & Trademark Department - D/8 1144 East Market Street Akron, Ohio 44316-0001	23 Alv	Alvin T. Rockhill, Patent Attorney (330) 796-8252			
Patent & Trademark Department - D/8 1144 East Market Street Akron, Ohio 44316-0001	23 Alv		Patent Attorney		